

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016289.D
 Acq On : 28 May 2020 20:12
 Operator : SY/MD
 Sample : L2756-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:19:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	86828	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84708	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22193	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	22165	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	33360	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.94	46	71091	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.38	84	49390	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.06	65	27939	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.08	84	98234	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	31213	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	87519	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.65	79	9879	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.12	63	52016	46.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22025	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	31720	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

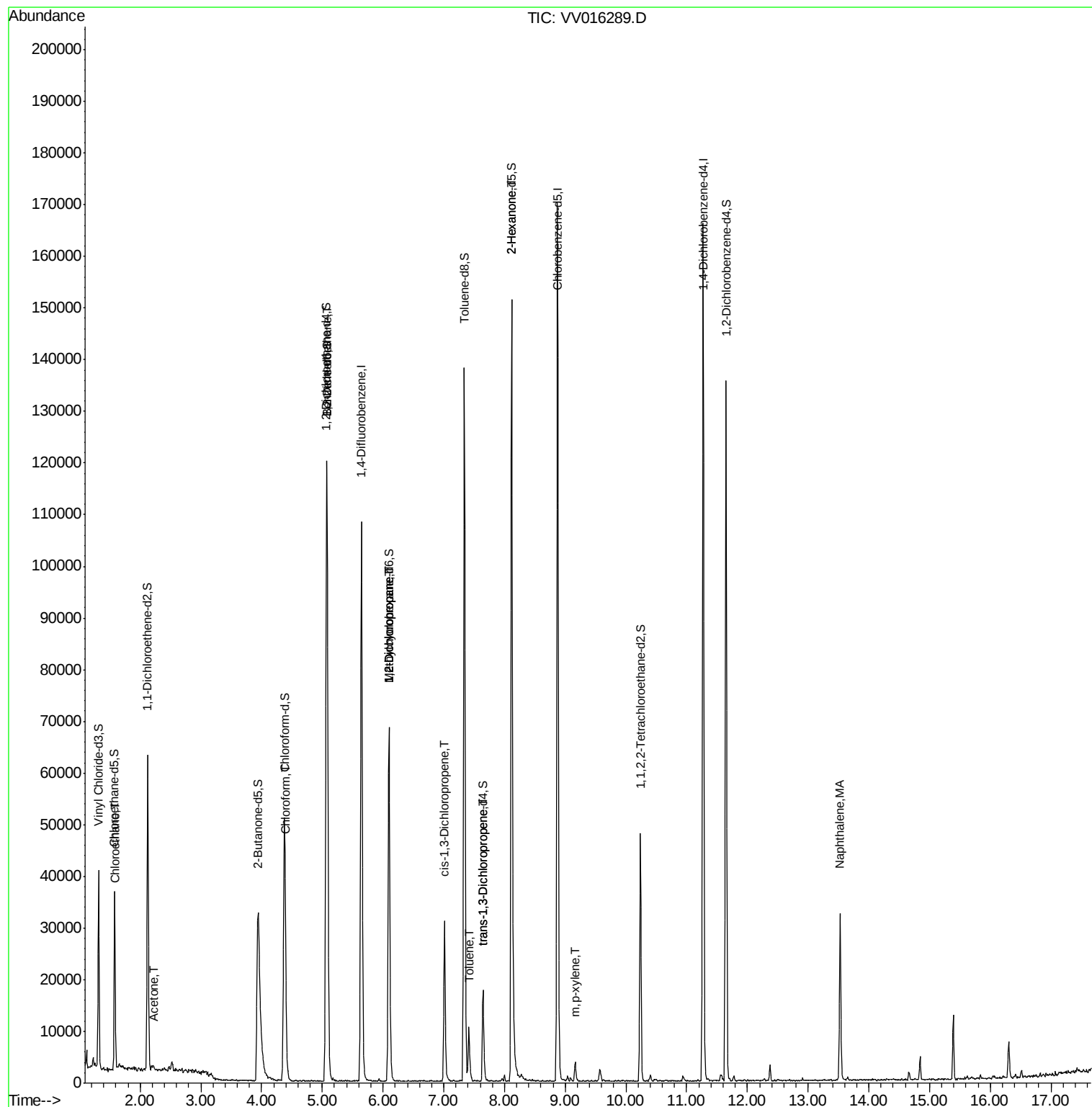
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	2230	0.525	ug/L #	42
13) Acetone	2.22	43	1265	1.477	ug/L	96
25) Chloroform	4.40	83	1768	0.157	ug/L	99
27) 1,2-Dichloroethane	5.08	62	649	0.088	ug/L #	79
35) Methylcyclohexane	6.10	83	7667	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3725	0.623	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	861	0.102	ug/L #	69
42) Toluene	7.41	91	7282	0.274	ug/L	100
46) trans-1,3-Dichloropropene	7.65	75	512	0.073	ug/L	89
50) 2-Hexanone	8.12	43	7502	2.892	ug/L #	71
55) m,p-xylene	9.17	106	1129	0.102	ug/L	100
70) Naphthalene	13.53	128	25457	1.642	ug/L	99

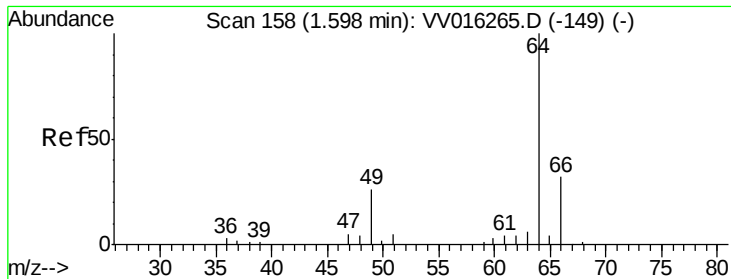
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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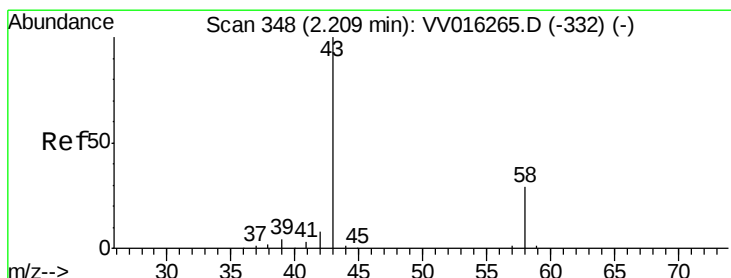
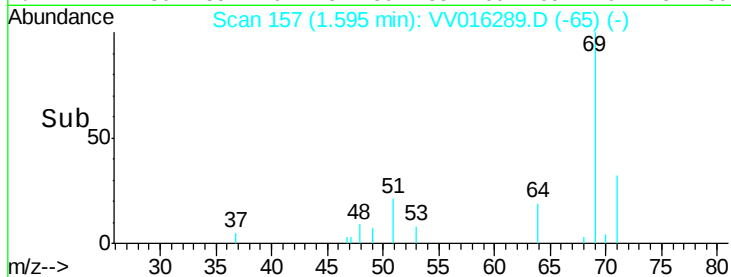
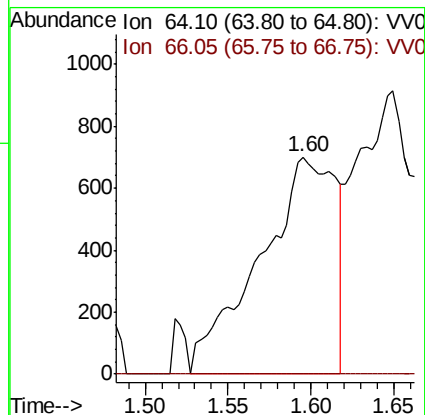
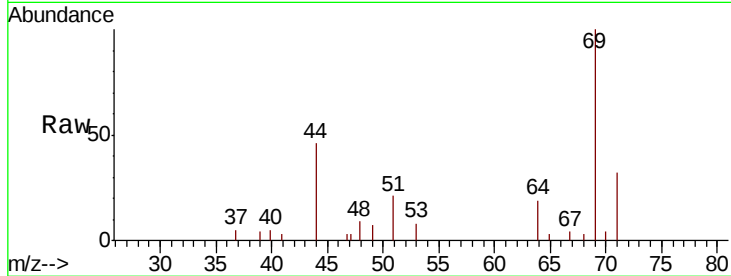




#8
 Chloroethane
 Concen: 0.525 ug/L
 RT: 1.60 min Scan# 157
 Delta R.T. -0.00 min
 Lab File: VV016289.D
 Acq: 28 May 2020 20:12

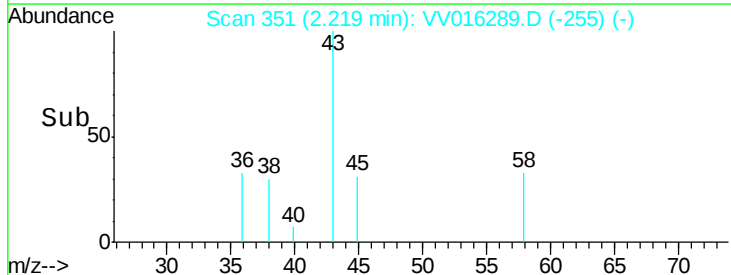
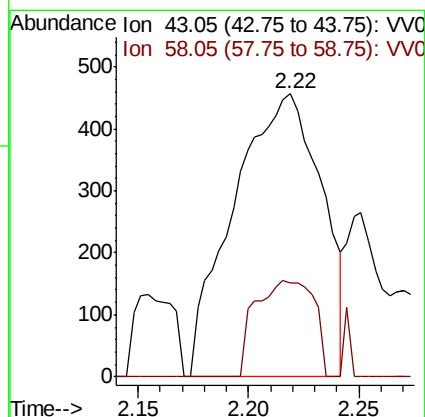
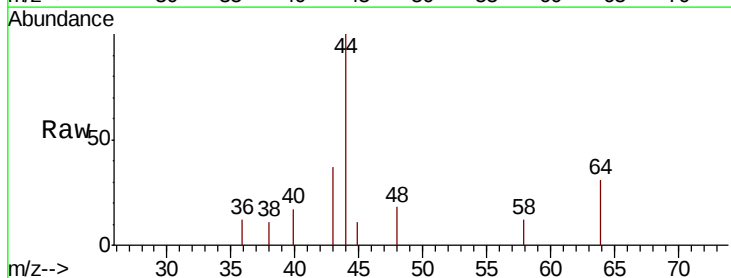
Instrument :
 MSVOA_V
 ClientSampled :

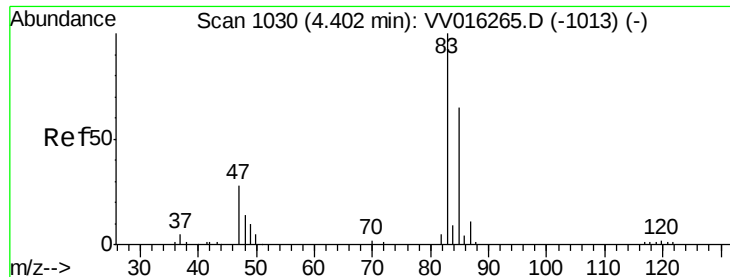
Tot Ion: 64 Resp: 2230
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#



#13
 Acetone
 Concen: 1.477 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VV016289.D
 Acq: 28 May 2020 20:12

Tgt Ion: 43 Resp: 1265
 Ion Ratio Lower Upper
 43 100
 58 22.5 0.0 48.8

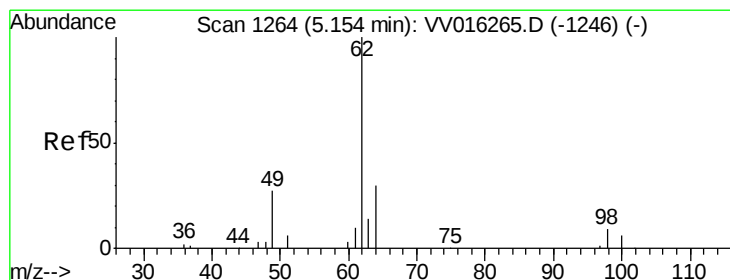
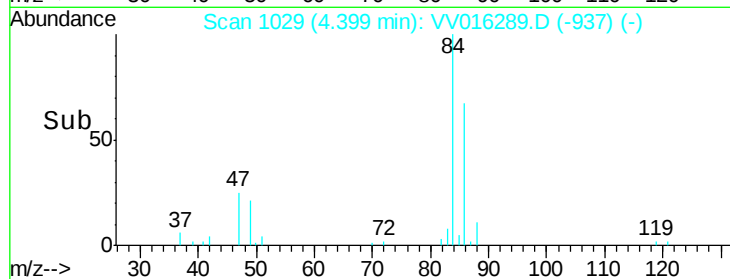
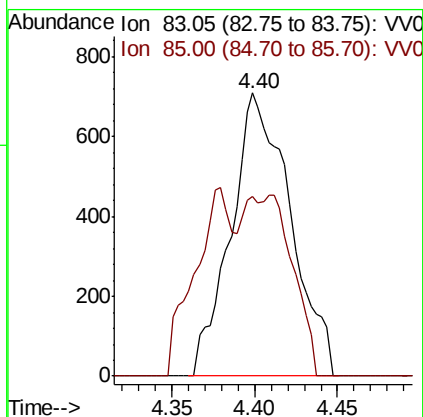
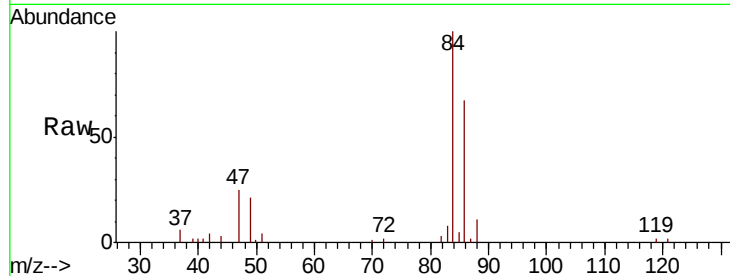




#25
Chloroform
Concen: 0.157 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016289.D
Acq: 28 May 2020 20:12

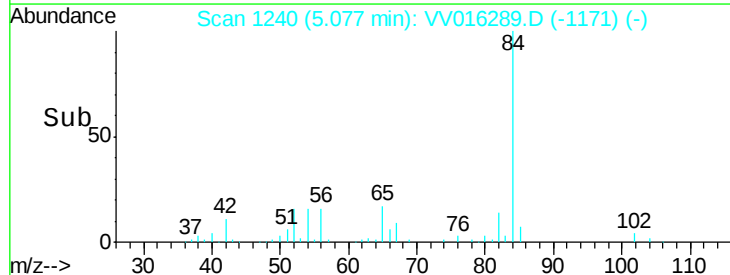
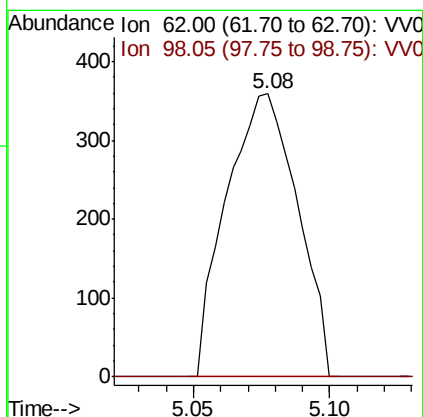
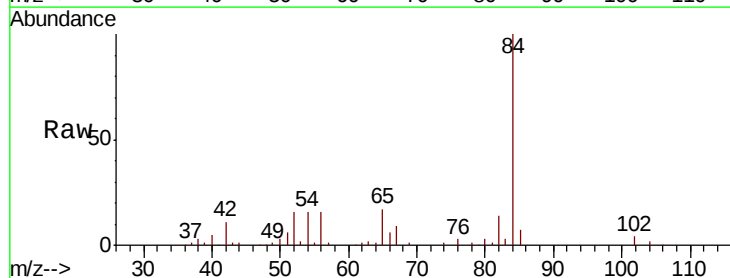
Instrument :
MSVOA_V
ClientSampled :

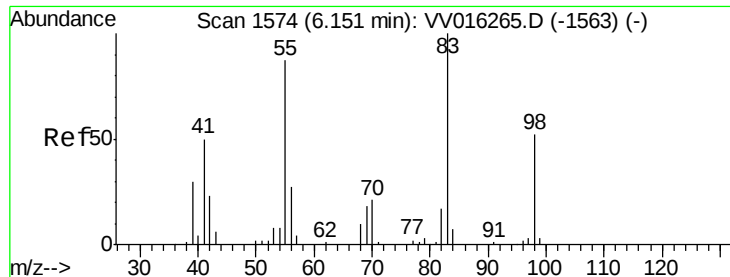
Tot Ion: 83 Resp: 1768
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016289.D
Acq: 28 May 2020 20:12

Tgt Ion: 62 Resp: 649
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

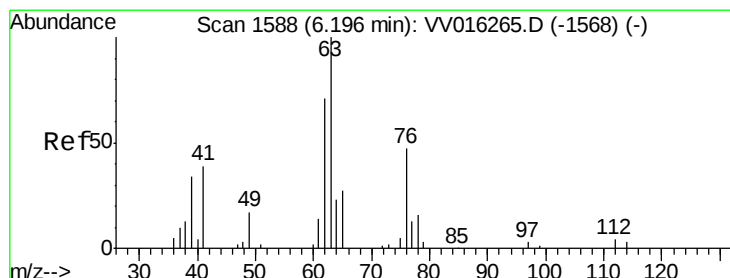
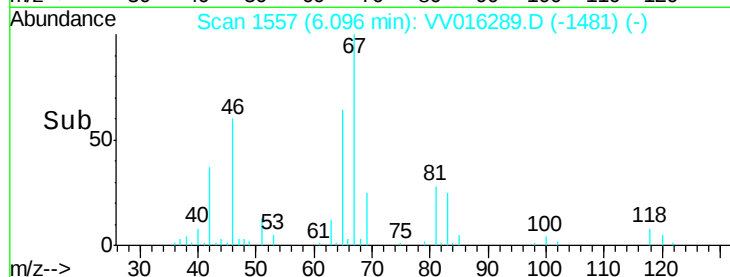
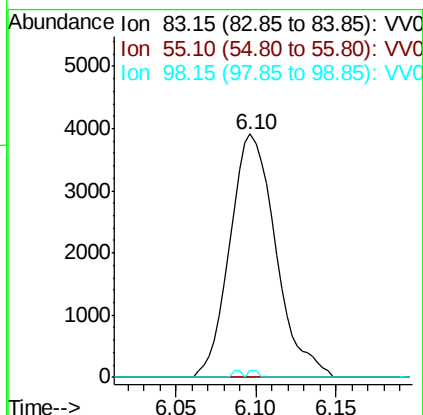
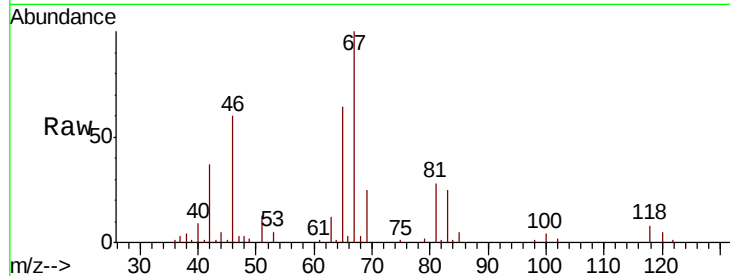




#35
Methvlcvclohexane
Concen: 0.716 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016289.D
Acq: 28 May 2020 20:12

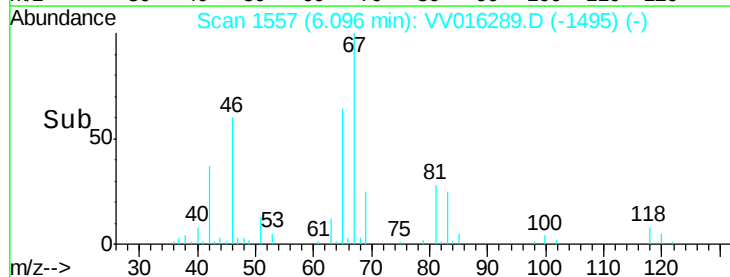
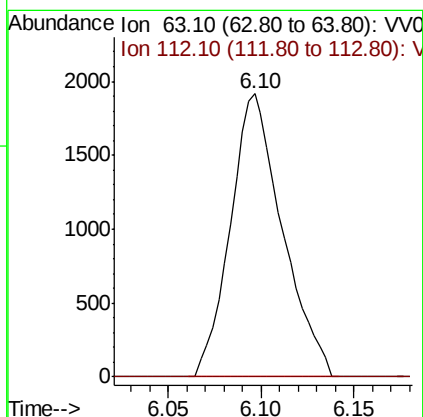
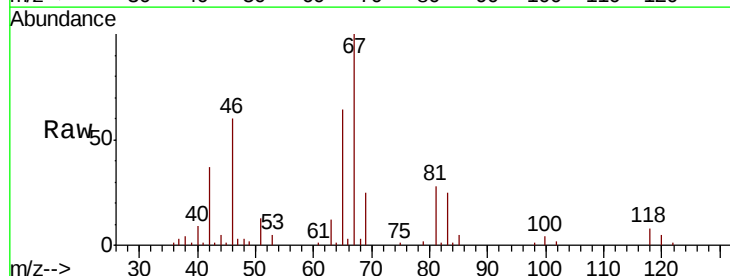
Instrument :
MSVOA_V
ClientSampleId :

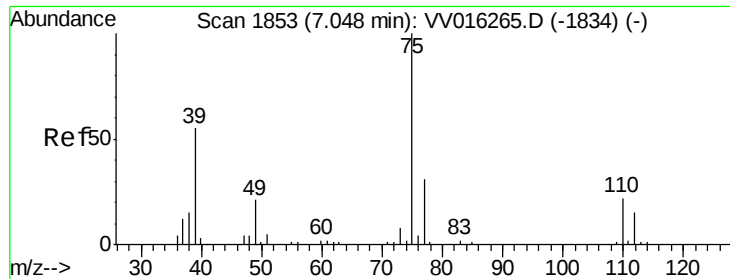
Tot Ion: 83 Resp: 7667
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.5 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016289.D
Acq: 28 May 2020 20:12

Tgt Ion: 63 Resp: 3725
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

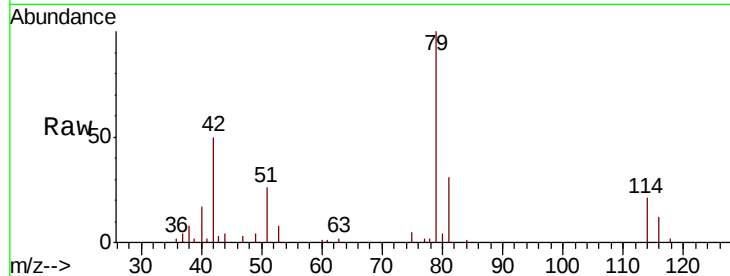




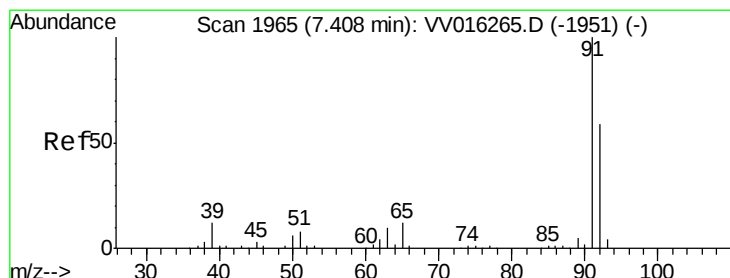
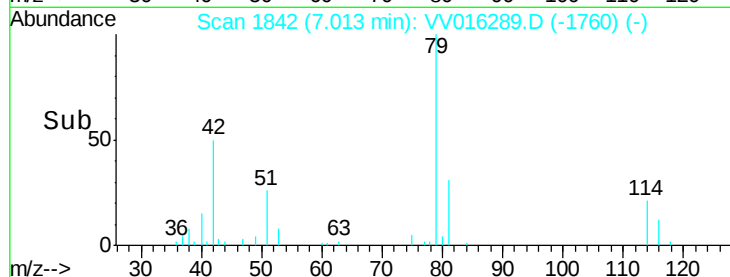
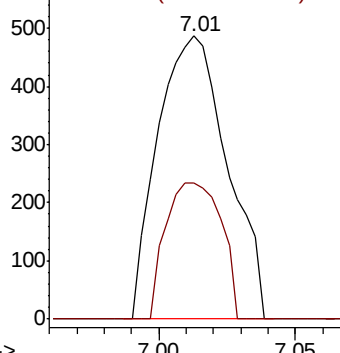
#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016289.D
 Acq: 28 May 2020 20:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 861
 Ion Ratio Lower Upper
 75 100
 77 48.3 21.7 40.3#

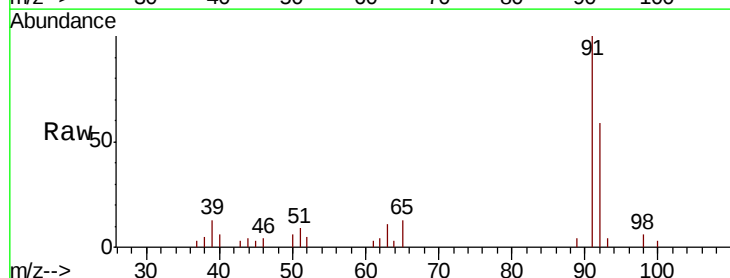


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

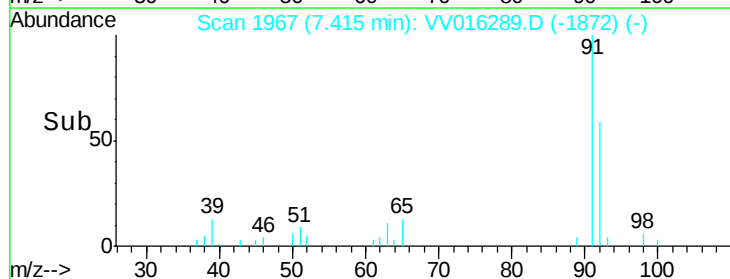
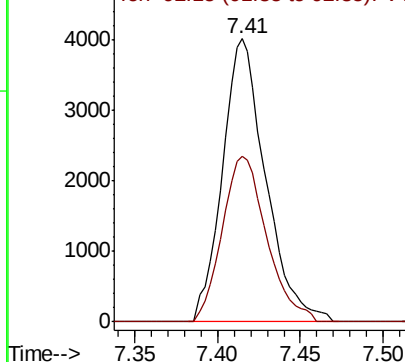


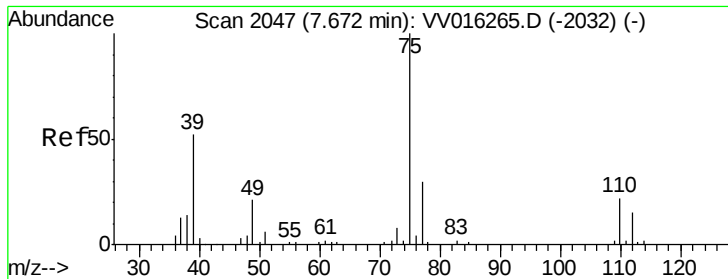
#42
 Toluene
 Concen: 0.274 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016289.D
 Acq: 28 May 2020 20:12

Tgt Ion: 91 Resp: 7282
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

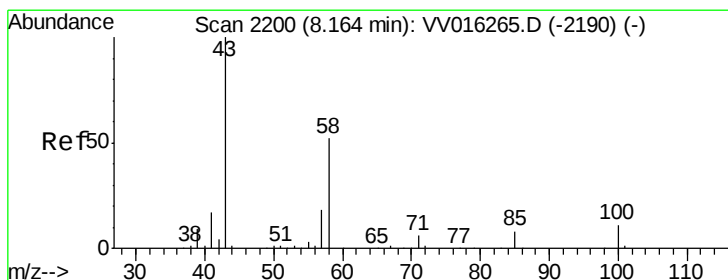
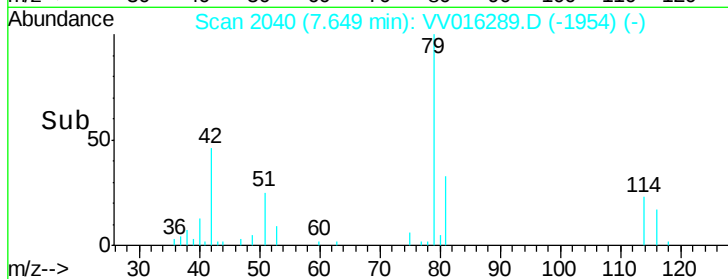
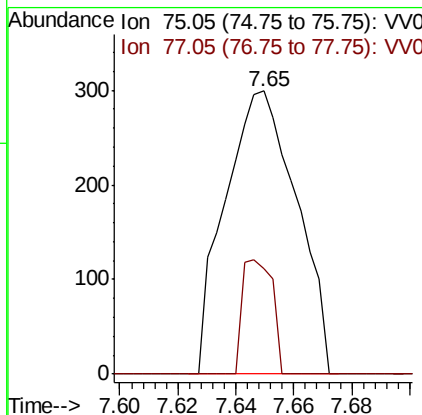
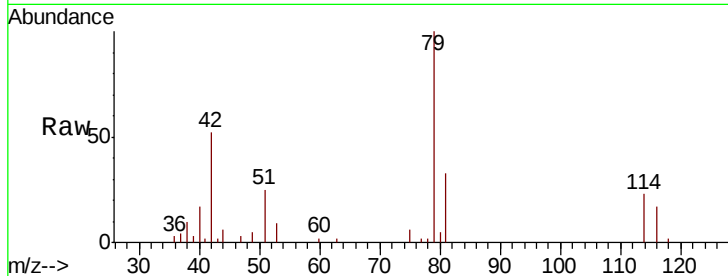




#46
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016289.D
Acq: 28 May 2020 20:12

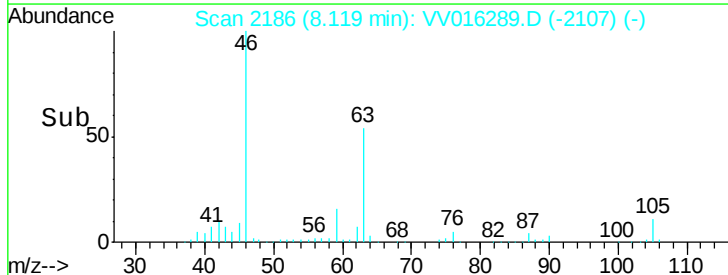
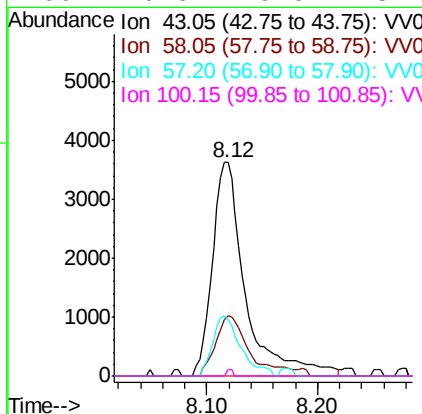
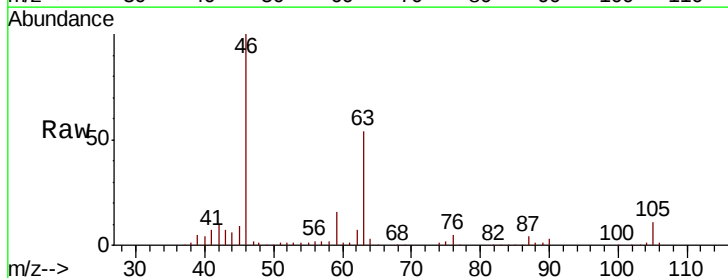
Instrument :
MSVOA_V
ClientSampleId :

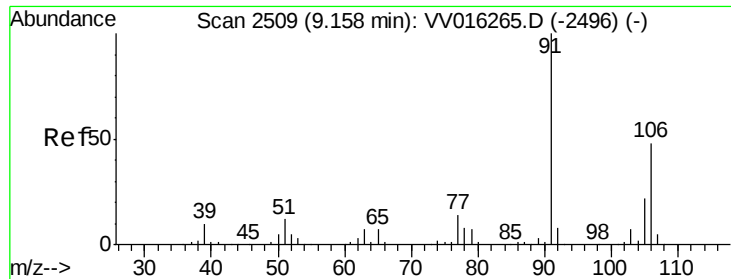
Tot Ion: 75 Resp: 512
Ion Ratio Lower Upper
75 100
77 37.1 21.7 40.3



#50
2-Hexanone
Concen: 2.892 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016289.D
Acq: 28 May 2020 20:12

Tgt Ion: 43 Resp: 7502
Ion Ratio Lower Upper
43 100
58 26.9 41.4 62.0#
57 23.7 15.0 22.4#
100 0.6 9.0 13.4#





#55

m,p-xylene

Concen: 0.102 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016289.D

Acq: 28 May 2020 20:12

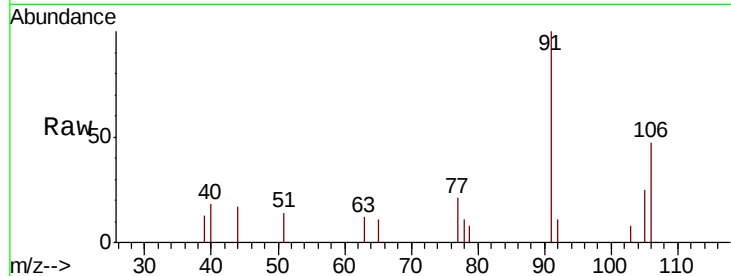
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 1129

Ion Ratio Lower Upper

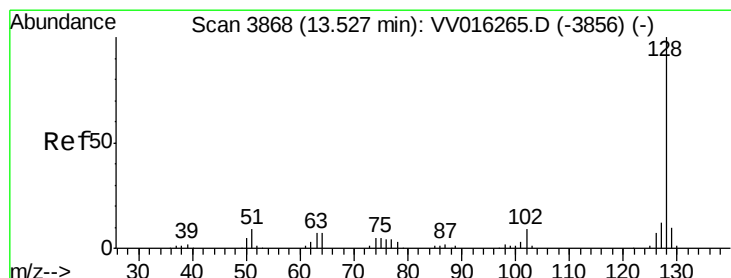
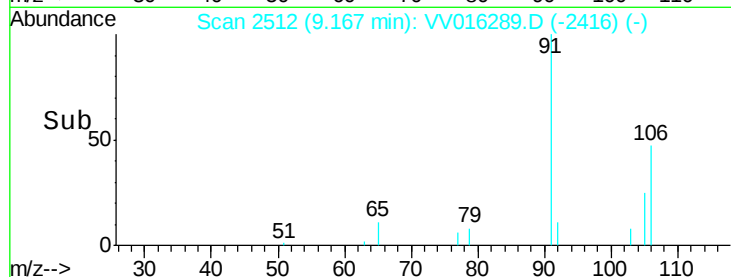
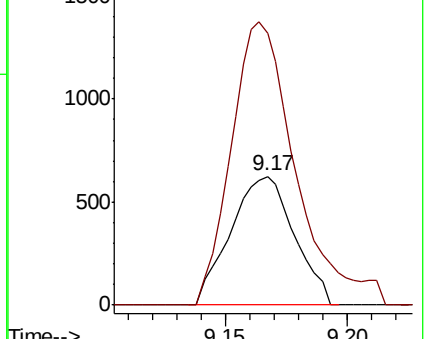
106 100

91 211.4 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#70

Naphthalene

Concen: 1.642 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016289.D

Acq: 28 May 2020 20:12

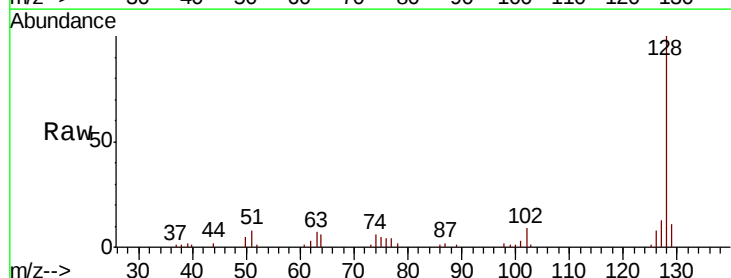
Tgt Ion:128 Resp: 25457

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

